

10/524675

DT01 Rec'd PCT/PTC 14 FEB 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Toshihiko YASUE et al. : **Mail Stop: PCT**
Serial No. NEW : Attorney Docket No. 2005-0215A
Filed February 14, 2005 :

OPTICAL TRANSMISSION SYSTEM WITH
GAIN CONTROL FOR REDUCTION OF
SPURIOUS SIGNAL COMPONENTS
[Corresponding to PCT/JP2004/008577
Filed June 11, 2004]

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application
PCT/_____; and/or
- ☐ each reference previously cited in prior parent application Serial No.
_____.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the
above-entitled application, **or**

ATTACHMENT C

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☒ a foreign patent office search report and Written Opinion (in the English language) submitted herewith,
 - c. ☒ the concise explanation contained in the specification of the present application at page 5,
 - d. ☒ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report and Written Opinion citing one or more of the references is enclosed.

Respectfully submitted,

Toshihiko YASUE et al.

By 

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February 14, 2005

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: February 14, 2005

ATTY DOCKET NO.
2005-0215ASERIAL NO.
NEW

10/524675

APPLICANT
Toshihiko YASUE et al.FILING DATE
February 14, 2005

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,161,044	11/1992	Nazarathy et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	2532802	3/1984	FR			abstract
	AK	8-79178	3/1996	JP			abstract
	AL	8-264874	10/1996	JP			abstract
	AM						
	AN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	T. Yasue et al., "Scalable Optical Access System for Multichannel VDSL Based on Subcarrier Multiplexing", Optical Fiber Communications Conference (OFC). (Trends in Optics and Photonics Series Vol. 86) Technical Digest (IEEE Cat. No. 03CH37403) Opt. Soc. America, Washington, DC, USA, vol. 2, March 28, 2003, pgs. 735-736 vol. 2, XP002296033, ISBN: 1-55752-731-8, pg. 735, column 2, paragraph 3 - column 3 paragraph 2.
AP	"Optical Access Technique for Multiple Channels of VDSL", Toshihiko Yasue et al., TECHNICAL REPORT OF IEICE, vol., 102, no. 358, OCS2002-64, pgs. 17-22, October 2002.

EXAMINER

DATE CONSIDERED